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 Bibliometrics: Downloads (6 Weeks): 796, Downloads (12 Months): 2819, Cita

2 [ABASH: finding bugs in bash scripts](#)
[Karl Mazurak](#), [Steve Zdancewic](#)
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This paper describes the design and implementation of ABASH, a tool fo written in the bash scripting language. Although it makes no formal gua spurious warnings (largely due to the ...


Keywords: abstract interpretation, bash, scripting languages

3 [Experiences of using wearable computers for ambient telepresence](#)
[Mikael Drugge](#), [Marcus Nilsson](#), [Roland Parviainen](#), [Peter Parnes](#)
 October 2004 [ETP '04: Proceedings of the 2004 ACM SIGMM workshop on t](#)
 Publisher: ACM
 Full text available: [Pdf \(1.11 MB\)](#) [Additional Information: full citation, abstract, i](#)
 Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 72, Citation

We present our experiences of using wearable computers for providing : to members of an e-meeting. Using a continuously running e-meeting s and informal studies and observations, this form of ...


Keywords: ambient telepresence, mobile e-meetings, remote interacti

4 [Labels and event processes in the Asbestos operating system](#)
[Steve Vandeberg](#), [Petros Efstathiopoulos](#), [Eddie Kohler](#), [Maxwell Krohn](#), [C Kaashoek](#), [Robert Morris](#), [David Mazières](#)

December 2007 Transactions on Computer Systems (TOCS) , Volume 25
 Publisher: ACM
 Full text available:  Pdf (1.21 MB) Additional Information: full citation, abstract, ...
 Bibliometrics: Downloads (6 Weeks): 59, Downloads (12 Months): 302, Citation

Asbestos, a new operating system, provides novel labeling and isolation the effects of exploitable software flaws. Applications can express a wide range of Asbestos's kernel-enforced labels, including controls ...



Keywords: Information flow, labels, mandatory access control, process servers

- 5 [Interworking of traders in a distributed computing environment](#)
 Michael J. Katchabaw, Meeta M. Khurana, James W. Hong, Michael A. Baue
 November 1995 CASCOW '95: Proceedings of the 1995 conference of the ACM Collaborative research
 Publisher: IBM Press
 Full text available:  Pdf (117.52 KB) Additional Information: full citation, abstract, ...
 Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 19, Citation

Distributed computing systems are composed of various types of service efficient distributed computing environment largely depends on the effective services. One important aspect of managing services within ...

- 6 [Developing adaptive groupware applications using a mobile component](#)
 Radu Litau, Atul Parakash
 December 2000 CSCOW '00: Proceedings of the 2000 ACM conference on Collaboration
 Publisher: ACM
 Full text available:  Pdf (168.38 KB) Additional Information: full citation, abstract, ...
 Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 66, Citation

A need exists to develop groupware systems that adapt to available resource mobility. This paper presents DACIA, a system that provides mechanisms for applications. Using DACIA, components of a groupware application ...

- 7 [Optimizing memory transactions](#)
 Tim Harris, Mark Plesko, Avraham Shinnar, David Tordella
 June 2006 PLDI '06: Proceedings of the 2006 ACM SIGPLAN conference on Programming Language Design and Implementation
 Publisher: ACM
 Full text available:  Pdf (235.79 KB) Additional Information: full citation, abstract, ...
 Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 194, Citation

Atomic blocks allow programmers to delimit sections of code as 'atomic' implementation to enforce atomicity. Existing work has shown how to implement *word-based transactional memory* that provides scalable ...

Keywords: atomicity, critical regions, transactional memory

Also published in:

June 2006 SIGPLAN Notices Volume 41 Issue 6

8 The Jupiter audio/video architecture: secure multimedia in network p

 Pavel Curtis, Michael Dixon, Ron Frederick, David A. Nichols


January 1995 MULTIMEDIA '95: Proceedings of the third ACM international
Publisher: ACM

Full text available:  [HTML \(72.37 KB\)](#) Additional Information: [full citation](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 32, Citation (

Keywords: audio, collaboration, encryption, multicast, network places,

9 An implementation of norm-based agent negotiation

 Peter Dijkstra, Henry Prakken, Kees de Vey Mesdagh


June 2007 ICAI L '07: Proceedings of the 11th international conference on
Publisher: ACM

Full text available:  [PDF \(573.49 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

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In this paper, we develop our previous outline of a multi-agent architectural exchange in crime investigations. Interactions about information exchange (representing police officers) are further analysed as negotiation ...

10 Design and evaluation of a conit-based continuous consistency mod

 Haifeng Yu, Amin Vahdat

August 2002 Transactions on Computer Systems (TOCS) , Volume 20 Issue
Publisher: ACM


Full text available:  [PDF \(406.85 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 161, Citation (

The tradeoffs between consistency, performance, and availability are well known; however, designers of replicated systems have been forced to choose from guarantees or none at all. This paper explores the ...

Keywords: Conit, consistency model, continuous consistency, network replication

11 People-centric urban sensing

 Andrew T. Campbell, Shane B. Eisenman, Nicholas D. Lane, Emiliano Miluzzo

August 2006 WICON '06: Proceedings of the 2nd annual international workshop
Publisher: ACM

Full text available:  [PDF \(249.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 44, Downloads (12 Months): 280, Citation (

The vast majority of advances in sensor network research over the last decade have been in the development of a series of small-scale (100s of nodes) testbeds and sensor network environmental monitoring, etc.) that are built on ...

Keywords: mobile wireless sensor networks, people-centric, urban sen

12 CORBA Program Development, Part 3

J. Mark Shacklette, Jeff Illian

July 1999 Linux Journal , Volume 1999 Issue 63es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [HTML](#) (25.42 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 20, Citation (

A look at CORBA implementations in Java to provide interoperability bet

13 The language of privacy: Learning from video media space analysis

 Michael Boyle, Saul Greenberg

June 2005 Transactions on Computer-Human Interaction (TOCHI) .

Publisher: ACM


Full text available:  [PDF](#) (1.12 MB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 284, Citatio

Video media spaces are an excellent crucible for the study of privacy. TI
for misuse, prompts ethical questions, and engenders grave concerns fr
Despite considerable discussion of the privacy ...

Keywords: Human-computer interaction, autonomy, computer-support
confidentiality, environmental psychology, privacy, social interaction, so
video media spaces

14 Efficient fork-linearizable access to untrusted shared memory

 Christian Cachin, Abhi Shelat, Alexander Shraer

August 2007 PODC '07: Proceedings of the twenty-sixth annual ACM symposium on computing

Publisher: ACM


Full text available:  [PDF](#) (359.46 KB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 73, Citation (

When data is stored on a faulty server that is accessed concurrently by
present inconsistent data to different clients. For example, the server m
of one client, but respond with stale data ...


Keywords: arbitrary failures, fork-consistency, storage emulations

15 Context sensitive access control

 R. J. Huisebosch, A. H. Salden, M. S. Bargh, P. W. G. Ebben, J. Reitsma

June 2005 SACMAT '05: Proceedings of the tenth ACM symposium on Access technologies

Publisher: ACM

Full text available:  [PDF](#) (145.62 KB) Additional Information: [full citation](#), [abstract](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 268, Citatio

We investigate the practical feasibility of using context information for c
Based solely on situational context, we show that users can be transpar
access to services and that service providers can ...

Keywords: access control, authentication, context sensitive, context ve
patterns

- 16 [Conditions for access and use of legal document retrieval web servic](#)
Martine Boenk, Frances Brazier, David de Grooi, Maarten van Stekelenburg
June 2007 ICAI '07: Proceedings of the 11th international conference on
Publisher: ACM

Full text available:  Pdf (290.44 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 55, Citation (

Documentation is essential to daily legal practice. On-line access is curr
imposed by an information service provider with respect to access and i
determine the value of such documentation. This paper ...

- 17 [Tax-and-spend: democratic scheduling for real-time garbage collecti](#)
Joshua Auerbach, David F. Bacon, Perry Cheng, David Grove, Ben Biron, C
Aleksandar Micic, Ryan Scampanone
October 2008 EMSOFT '08: Proceedings of the 7th ACM international confe
Publisher: ACM

Full text available:  Pdf (909.29 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 26, Citation (

Real-time Garbage Collection (RTGC) has recently advanced to the poin
production for financial trading, military command-and-control, and tele
among potential users of RTGC, there is enormous diversity ...

Keywords: garbage collection, java, jvm, real time


- 18 [A distributed data space for music-related information](#)
Yves Raymond, Christopher Sutton, Mark Sandler
September 2007 MS '07: Workshop on multimedia information retrieval on
semantics

Publisher: ACM
Full text available:  Pdf (620.90 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 106, Citation

In this paper, we describe how some key Semantic Web technologies ca
distributed knowledge environment several music-related sources of inf
to feature extractors or personal music collections. ...

Keywords: MIR, multimedia, music, semantic-web

- 19 [Container-based operating system virtualization: a scalable, high-pe](#)
 hypervisors
Stephen Soltesz, Herbert Pötzl, Marc E. Fluczynski, Andy Bavier, Larry Pate

June 2007 EuroSys '07: Proceedings of the 2nd ACM SIGOPS/EuroSys Eu
Systems 2007

Publisher: ACM

Full text available:  Pdf (863.93 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 59, Downloads (12 Months): 658, Citation (6 Weeks): 1, Citation (12 Months): 1


Hypervisors, popularized by Xen and VMware, are quickly becoming con
for many usage scenarios, but there are scenarios that require system v
of both *isolation* and *efficiency*. Examples ...

Keywords: Linux-VServer, Xen, alternative, container, hypervisor, ope

Also published in:

June 2007 SIGOPS Operating Systems Review Volume 41 Issue 3

20 Applying flow-sensitive CQUAL to verify MINIX authorization check p

 Timothy Fraser, Nick L. Petroni, Jr., William A. Arbaugh

June 2006 PLAS '06: Proceedings of the 2006 workshop on Programming
security

Publisher: ACM

Full text available:  Pdf (69.35 KB) Additional Information: [full citation](#), [abstract](#), [bibliometrics](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 26, Citation (6 Weeks): 0, Citation (12 Months): 0



We present the first use of flow-sensitive CQUAL to verify the placemen
authorization checks. Our analysis of MINIX 3 system servers and disco
Of-Check/Time-Of-Use bug demonstrate the effectiveness of ...

Keywords: CQUAL, MINIX, static analysis, type qualifiers

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